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IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) In a computing system ~~having consisting of~~ a processor, ~~associated memory, storage and input and output devices, and an email system comprising:~~ characterised in that the said email system includes:

- ~~- a means for the user to define search parameters and possible values for each parameter with corresponding graphical images, for identifying and/or prioritising received email messages;~~
- ~~- a means for parsing the contents of the email header and body contents and displaying the parameter values of the said messages in graphical form using the said graphical images;~~
- ~~- a means for grouping, and prioritising the said graphical message displays in accordance with user-defined requirements; and~~
- ~~- a means for accessing any message selected from the said graphical display~~

email receiving means for receiving emails;

a configurator for providing configuration data;

an email header parser for parsing a header of such a received email to extract a subject, sender, date, and domain responsive to the configuration data;

an email body parser for parsing a body of such a received email to extract at least one keyword responsive to the configuration data; and

a graphical output generator for generating a number of buttons representing respective ones of the emails, the buttons being arranged by the graphical output generator in arrays of rows and columns for displaying, such a button having graphical elements including at least a colour, pattern and symbol for identifying selected ones of the extracted keyword, sender, subject, date and domain of the button's respective email, wherein the colours, patterns and symbols and the ones of the extracted keyword, sender, subject, date and domain selected are responsive to the configuration data.

2-3. (canceled)

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4. (currently amended) A system as claimed in claim 1, ~~wherein said means for defining parameters values and corresponding graphical images includes~~ including:

a display device for displaying one of the arrays so that the buttons of the array and icons in the graphical user interface that can be selected using a pointing device.

5. (currently amended) A system as claimed in claim 1, ~~wherein said buttons are of a size such that arranged in 17 columns and 14 rows i.e. a total of at least 238 of the buttons are concurrently displayable.~~

6-8. (canceled)

9. (currently amended) A system as claimed in claim 1, wherein the graphical output generator further comprising a means for increasing and reducing the reduces sizes of the buttons graphical display images responsive to depending on the a volume of the received emails so that the number of buttons concurrently displayable increases as the volume of the received emails increases ~~as to cover as many images as possible on the screen.~~

10-11. (canceled)

12. (currently amended) A system as claimed in claim 1 further comprising: ~~a hierarchical email classification system consisting of~~
~~-a means for the user to define parameters for classifying received email messages;~~
~~-a means for classifying each email after parsing email content or header to obtain values of classification parameters;~~
~~-a means for arranging and displaying said classified email messages in a hierarchical structure;~~
~~-a means for descending or ascending to a particular level in the structured hierarchy;~~
~~-a means for accessing a message at the lower level of the hierarchy from said display.~~
a hierarchy generator for classifying the emails, responsive to a parameter selection, into a hierarchical arrangement having a number of levels, the parameters including keyword, sender,

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subject, date, size and domain, and the parameter selection being in response to the configuration data, wherein the arrays correspond to respective ones of the levels in the hierarchy.

13-16. (canceled)

17. (currently amended) A system as claimed in claim 12, wherein for the sender, subject and domain ~~classification~~ parameters the levels of the hierarchical arrangement correspond to hierarchy ~~is defined by the letter sequences in the text values of the classification parameter.~~

18. (currently amended) A system as claimed in claim 12, wherein for the size ~~classification~~ parameter the levels of the hierarchical arrangement correspond to sequence ~~is defined in terms of ranges and subranges of size values.~~

19. (currently amended) A system as claimed in claim 12, wherein for the date ~~classification~~ parameter, the levels of the hierarchical arrangement correspond to sequence ~~is defined in terms of date ranges and subranges.~~

20. (currently amended) In a computing system, a method for ~~analysing and prioritising received email messages using graphical techniques comprising providing information about email, the method comprising the steps of:~~

- ~~—defining search parameters and possible values for each parameter with corresponding graphical images, for identifying and/or prioritising received email messages;~~
- ~~—parsing the contents of the email header and body contents and displaying the parameter values of the said messages in graphical form using the said graphical images;~~
- ~~—grouping, and prioritising the said graphical message displays in accordance with user-defined requirements, and~~
- ~~—accessing any message selected from the said graphical display.~~
- a) receiving emails;
- b) providing configuration data;

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c) parsing a header of such a received email to extract a subject, sender, date, and domain responsive to the configuration data;

d) parsing a body of such a received email to extract at least one keyword responsive to the configuration data; and

e) generating a number of buttons representing respective ones of the emails, the buttons being arranged in arrays of rows and columns for displaying, such a button having graphical elements including at least a colour, pattern and symbol for identifying selected ones of the extracted keyword, sender, subject, date and domain of the button's respective email, wherein the colours, patterns and symbols and the ones of the extracted keyword, sender, subject, date and domain selected are responsive to the configuration data.

21-22. (canceled)

23. (currently amended) A method as claimed in claim ~~2029~~ wherein said parameters values and corresponding graphical images include the use of comprising the step of:

displaying one of the arrays so that the buttons of the array and icons in the graphical user interface that can be selected using a pointing device.

24. (currently amended) A method as claimed in claim ~~2023~~ wherein said buttons are of such a size that arranged in 17 columns and 14 rows i. e. a total of at least 238 of the buttons are concurrently displayable.

25-27. (canceled)

28. (currently amended) A method as claimed in claim 20, wherein step e) further comprises the step of:

increasing and reducing the sizes of the buttons graphical display images depending on the responsive to a volume of the received emails so that the number of buttons concurrently displayable increases as the volume of the received emails increases as to cover as many images as possible on the screen.

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29-30. (canceled)

31. (currently amended) A method as claimed in claim 20, further comprising the step of a method for analysing and prioritising received email messages in a hierarchical structure consisting of

- ~~— defining parameters for classifying received email messages;~~
- ~~— classifying each email after parsing email content or header to obtain values of classification parameters;~~
- ~~— arranging and displaying said classified email messages in a hierarchical structure;~~
- ~~— descending or ascending to a particular level in the structured hierarchy;~~
- ~~— accessing a message at the lower level of the hierarchy from said display;~~
- classifying the emails, responsive to a parameter selection, into a hierarchical arrangement having a number of levels, the parameters including keyword, sender, subject, date, size and domain, and the parameter selection being in response to the configuration data, wherein the arrays correspond to respective ones of the levels in the hierarchy.

32-35. (canceled)

36. (currently amended) A method as claimed in claim 31, wherein for the sender, subject and domain classification parameters the levels of the hierarchical arrangement correspond to hierarchy is defined by the letter sequences in the text values, value of the classification parameter.

37. (currently amended) A method as claimed in claim 31, wherein for the size classification parameter the levels of the hierarchical arrangement correspond to sequence is defined in terms of ranges and subranges of size values.

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38. (currently amended) A method as claimed in claim 31, wherein for the date classification parameter, the levels of the hierarchical arrangement correspond to sequence is defined in terms of date ranges and subranges.

39. (currently amended) A computer program product comprising computer readable program code stored on computer readable storage medium embodied therein for causing a computer to analyse and prioritise received email messages, characterised in that, it includes providing information about email, the computer readable program code comprising:

- ~~_____ computer readable code means configured for enabling the user to define search parameters and possible values for each parameter with corresponding graphical images, for identifying and/or prioritising received email messages;~~
- ~~_____ computer readable code means configured for parsing the contents of the email header and body contents and displaying the parameter values of the said messages in graphical form using the said graphical images;~~
- ~~_____ computer readable code means configured for grouping, and prioritising the said graphical message displays in accordance with user-defined requirements; and~~
- ~~_____ computer readable code means configured for accessing any message selected from the said graphical display.~~

_____ email receiving code for receiving emails;

_____ configurator code for providing configuration data;

_____ email header parser code for parsing a header of such a received email to extract a subject, sender, date, and domain responsive to the configuration data;

_____ email body parser code for parsing a body of such a received email to extract at least one keyword responsive to the configuration data; and

_____ graphical output generator code for generating a number of buttons representing respective ones of the emails, the buttons being arranged by the graphical output generator in arrays of rows and columns for displaying, such a button having graphical elements including at least a colour, pattern and symbol for identifying selected ones of the extracted keyword, sender, subject, date and domain of the button's respective email, wherein the colours, patterns and

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symbols and the ones of the extracted keyword, sender, subject, date and domain selected are responsive to the configuration data.

40-42. (canceled)

43. (currently amended) A computer program product as claimed in claim 39, ~~42~~ wherein said buttons are of a size such that arranged in 17 columns and 14 rows i. e. a total of at least 238 of the buttons are concurrently displayable.

44-46. (canceled)

47. (currently amended) A computer program product as claimed in claim 39, wherein the graphical output generator code further comprising a computer readable code means configured for increasing and reducing the reduces sizes of the buttons graphical display images depending on the responsive to a volume of the received emails so that the number of buttons concurrently displayable increases as the volume of the received emails increases as to cover as many images as possible on the screen.

48-49. (canceled)

50. (currently amended) A computer program product as claimed in claim 39, wherein the computer readable program code further comprises ing computer readable program code stored on computer readable storage medium embodied therein for causing a computer to analyse and prioritise the received email messages in a hierarchical structure, said computer program code consisting of

——— computer readable program code means configured for defining parameters for classifying received email messages;

——— computer readable program code means configured for classifying each email after parsing email contents or header to obtain values of classification parameters;

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~~computer readable program code means configured for arranging and displaying said classified email messages in a hierarchical structure;~~

~~computer readable program code means configured for descending or ascending to a particular level in the structured hierarchy;~~

~~computer readable program code means configured for accessing a message at the lower level of the hierarchy from said display.~~

hierarchy generator code for classifying the emails, responsive to a parameter selection, into a hierarchical arrangement having a number of levels, the parameters including keyword, sender, subject, date, size and domain, and the parameter selection being in response to the configuration data, wherein the arrays correspond to respective ones of the levels in the hierarchy.

51-54. (canceled)

55. (currently amended) A computer program product as claimed in claim 50, wherein ~~said computer readable program code means for the sender, subject and domain classification parameters the levels of the hierarchical arrangement correspond to hierarchy is defined by the letter sequences in the text values of the classification parameter.~~

56. (currently amended) A computer program product as claimed in, claim 50, wherein ~~said computer readable program code means for the size classification parameter; the levels of the hierarchical arrangement correspond to sequence is defined in terms of range and subranges of size values.~~

57. (currently amended) A computer program product as claimed in claim 50, wherein ~~said is computer readable program code means for the date classification parameter; the levels of the hierarchical arrangement correspond to sequence is defined in terms of date ranges and subranges.~~